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2022 DRIVETRAIN

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NEW PRODUCTS

DEVELOPMENT
We wanted a new high performance drivetrain with light weight and wide range. We didn't want a bunch of weird new standards or proprietary parts. So, we locked our engineers in a windowless room and put them to work.
The result: ADVENT X — a shred-ready, top of the line MTB drivetrain from your friends at microSHIFT.

COMFORT & CONTROL
When your hands are in the right place, you can feel it. Our all new Trail Trigger Pro shifter puts the controls right where your thumb wants them, so you never have to compromise your grip to shift. With an integrated silicone traction pad and our signature "light and clicky" lever action, this might just be your new favorite shifter.

BIG RANGE, SMALL WEIGHT
The ADVENT X cassette comes with 10 evenly spaced gears and an 11-48T range, all at an amazingly svelte 424g. The evenly spaced gearing means you won't find yourself shifting twice to find the right gear, and the wide range and light weight mean you'll have to wait for your friends at the top of the hill.

INTRODUCING: ACOLYTE
There are plenty of obstacles in the trail – don't let your drivetrain be one of them. Our all-new Acolyte group delivers the wide range and simplicity of a top-of-the-line shifting system, all at a price point that would make sense on your first bike. With rock solid chain retention, intuitive shifting action, and enough gear range to climb a wall, you'll be free to focus on what's important: building your skills.

Shifter
The Acolyte shifter takes the learning curve out of changing gears. We designed it to be as simple and intuitive as possible: index finger makes it harder, thumb makes it easier. Add in a crystal clear gear indicator and microSHIFT's signature light yet positive action, and you've got the perfect entry point for your off road adventures.

SpringLock Derailleur
The heart of the Acolyte derailleur is our SpringLock system. By pairing a customized linear rate high tension spring and a dual stage activation mechanism, we've developed a system that can provide substantial chain security when you need it and can be turned off when you don't.

12-46T Cassette
We built Acolyte around an 8-speed, 12-46T cassette to give you all the range you need to challenge yourself. Whether you're climbing the Cascades or the neighborhood sledding hill, all you have to think about is where to put the bike – Acolyte will take care of the rest.

MOUNTAIN

ADVENT X — Top of the line performance has never been this easy to own. Light weight, wide range, and dialed ergonomics all come together in a package with no proprietary standards. Everything about mountain biking should be this easy.

ADVENT — For everything from E-bike to all-mountain, the most durable 1x drivetrain on the market is designed to be ridden hard with no apologies.

ACOLYTE — With rock solid chain retention, intuitive shifting action, and enough gear range to climb a wall, you'll be free to focus on what's important: building your skills.

XCD — With features like repairable clutch and optimized cable path, XCD delivers range and accuracy in the toughest condition.

XLE11 XLE10 — By sharing key fetures with microSHIFT's top-end mountain bike groups, XLE brings high end performance to the middle of the pack.

MARVO LT MEZZO — Crafted with the same care as our high-end products, these components are designed to perform time and time again.

ADVENTX

1 x 10-Speed

Mountain biking isn't complicated - your drivetrain shouldn't be either. ADVENT X is our widest range and also lightest 1 x 10 MTB group.

NEW

SL-M9605-R / SL-M9505-R / SL-M9605-ER Trail Trigger Shifters

- Cartridge bearings allow for light and positive actuaion under load
- Precise ergonomics put the shift lever where you want them
- Silicone traction pad provides superior traction
- Single click (SL-M9605-ER) maximizes drivetrain lifetime on ebikes

Model No.	SL-M9605-R	SL-M9505-R	SL-M9605-ER
Speed	1 x 10	1 x 10	1 x 10
Side	Right	Right	Right
Shifter Style	Trail Trigger Pro	Trail Trigger	Trail Trigger Pro
Bearings	4 bearings	2 bearings	4 bearings
Silicone Pad	Yes	No	Yes
Indicator	No	No	No
Clamp Material	Aluminum	Aluminum	Aluminum
Compatibility	ADVENT X Only	ADVENT X Only	ADVENT X Only
Weight	120g	119g	120g

SL-M9605-R

SL-M9505-R

NEW

SB-M100A Integrated Drop Bar Shifters

- Left side brake only for 1×10 setups
- Compatible with ADVENT X derailleurs only
- Short reach option SB-M100A(S): reach distance -10mm

Model No.	SB-M100A
Speed	1 x 10
Side	Pair
Shifter Style	Integrated Drop Bar
Left side	Brake lever only
Brake Actuation	Short Pull
Brake Reach	Standard
Lever Material	Forged Aluminum
Compatibility	ADVENT X Only
Weight	381g

ADVENT X 1 x 10-Speed

NEW RD-M6205AM / RD-M6205GM 1x10 Rear Derailleurs

- Larger pulley and taller teeth for better chain security
- Ratchet-and-pawl clutch provides chain security
- Metric adjustment hardware

Model No.	RD-M6205AM	RD-M6205GM
Speed	1 x 10	1 x 10
Cage Length	Medium Cage	Medium Cage
Max Cog	46-48T	46-48T
Chain Capacity	41T	41T
Clutch	Yes	Yes
Cage Material	Aluminum	Steel
Compatibility	ADVENT X Only	ADVENT X Only
Weight	313g	399g

NEW CS-G104 Alloy Spider Wide Range Cassette

- Two alloy large cogs and a full alloy spider eliminate unwanted weight
- Continuously molded construction maintains straightness and duability
- Ramped cogs aid in shifting under load

Model No.	CS-G104 11-48T
Speed	10-Speed
Gear Range	11-48T
Surface Finish	2 Layered ED Black
Combination	11-13-15-18-21-24-28-34-40*-48*
Spider	Yes
Cog Material	Steel / *Aluminum
Hub Compatibility	Standard Freehub
Weight	424g

NEW CS-H104 Wide Range Cassette

- Hardened steel cogs stand up to e-bike torque levels
- Continuously molded construction maintains straightness and duability
- Ramped cogs aid in shifting under load

Model No.	CS-H104 11-48T
Speed	10-Speed
Gear Range	11-48T
Surface Finish	2 Layered ED Black
Combination	11-13-15-18-21-24-28-34-40-48
Spider	No
Cog Material	Steel
Hub Compatibility	Standard Freehub
Weight	662g

ADVENT
1/2 x 9-Speed
By pairing a wide 9-speed chain with a bomber clutch derailleur, ADVENT delivers the most hassle-free mountain bike drivetrain on the planet.

SL-M9295-R / SL-M9195-R Trail Trigger Shifters

- Cartridge bearings allow for light and positive actuaion under load
- Precise ergonomics put the shift lever where you want them
- Silicone traction pad provides superior traction

Model No.	SL-M9295-R	SL-M9195-R
Speed	1 x 9	1 x 9
Side	Right	Right
Shifter Style	Trail Trigger Pro	Trail Trigger
Bearings	4 bearings	2 bearings
Silicone Pad	Yes	No
Indicator	No	No
Clamp Material	Aluminum	Aluminum
Compatibility	ADVENT Only	ADVENT Only
Weight	120g	119g

SL-M9295-R

SL-M9195-R

SL-M8195 / SL-M819 Flatbar Xpress Shifters

- Xpress light action trigger shifting

Model No.	SL-M8195-R	SL-M819-R	SL-M819-L
Speed	1 x 9	1 x 9	2 x 9
Side	Right	Right	Left
Shifter Style	Xpress Trigger	Xpress Trigger	Xpress Trigger
Bearing	Yes	No	No
Indicator	No	No	No
Clamp Material	Aluminum	Aluminum	Aluminum
Compatibility	ADVENT Only	ADVENT Only	ADVENT Only
Weight	116g	112g	112g

ADVENT 1/2 x 9-Speed

SL-M19-R Flatbar Thumb Shifter

- Low profile CNC machined aluminum body
- Micro adjustment barrel

Model No.	SL-M19-R
Speed	1 x 9
Side	Right
Shifter Style	Flat Bar Thumb Shifter
Right Side	Index/Friction
Compatibility	ADVENT Only
Weight	64g

BS-M19-R Bar End Shifter

- Aluminum construction

Model No.	BS-M19-R
Speed	1 x 9
Side	Right
Shifter Style	Bar End Shifter
Right Side	Index/Friction
Compatibility	ADVENT Only
Weight	75g

SB-M090 Integrated Drop Bar Shifters

- Left side brake lever only
- Compatible with ADVENT 1x9 speed
- Replaceable hood cover
- Short reach option SB-M090(S): reach distance -10mm

Model No.	SB-M090	SB-M090-LD
Speed	1 x 9	—
Side	Pair	Left
Shifter Style	Integrated Drop Bar	Integrated Drop Bar
Left side	Brake lever only	Brake & Dropper
Brake Actuation	Short Pull	Short Pull
Brake Reach	Standard	Standard
Lever Material	Forged Aluminum	Forged Aluminum
Compatibility	ADVENT Only	Cable Head at Remote
Weight	378g	200g

SB-M090-LD

ADVENT *1/2 x 9-Speed*

RD-M6195M / RD-M619M 1x9 Rear Derailleurs

- Steel medium cage
- Chain stabilizing clutch: RD-M6195M
- Direct cable path for lighter shifting
- Non-clutch option: RD-M619M

Model No.	RD-M6195M	RD-M619M
Speed	9-Speed	9-Speed
Cage Length	Medium Cage	Medium Cage
Max Cog	42-46T	42-46T
Chain Capacity	41T	41T
Clutch	Yes	No
Cage Material	Steel	Steel
Compatibility	ADVENT Only	ADVENT Only
Weight	384g	314g

RD-M6195M

RD-M619M

RD-M6195L / RD-M619L 2x9 Rear Derailleurs

- Steel long cage for 2x
- Chain stabilizing clutch: RD-M6195L
- Direct cable path for lighter shifting
- Non-clutch option: RD-M619L

Model No.	RD-M6195L	RD-M619L
Speed	2 x 9	2 x 9
Cage Length	Long Cage	Long Cage
Max Cog	42T-46T	42T-46T
Chain Capacity	47T	47T
Clutch	Yes	No
Cage Material	Steel	Steel
Compatibility	ADVENT Only	ADVENT Only
Weight	384g	314g

RD-M6195L

RD-M619L

FD-T492 2x9 Trekking Front Derailleur

- Aluminum construction
- Compatible with up to 48T double chainring

Model No.	FD-T492B
Speed	2 x 9
Mounting	Band Clamp 34.9 (31.8 adaptor)option
Derailleur Style	Dual pull
Chainstay Angle	63-68°
Top Gear Teeth	44-48T
Capacity	12-16T
Chain Line	48.8mm
Outer Link Material	Aluminum
Clamp Material	Aluminum
Compatibility	Shimano Mountain
Weight	159g

CS-H093 Wide Range Cassettes

- ED Black sprockets
- Steel lock ring

Model No.	CS-H093A 11-42T	CS-H093 11-42T	CS-H093 11-46T
Speed	9-Speed	9-Speed	9-Speed
Gear Range	11-42T	11-42T	11-46T
Surface Finish	ED Black	ED Black	ED Black
Combination	11-13-15-18-21-24-28-34-42*	11-13-15-18-21-24-28-34-42	11-13-15-18-21-24-30-37-46
Spider	No	No	No
Cog Material	Steel / *Aluminum	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub	Standard Freehub
Weight	440g	530g	588g

CS-H093A

ACOLYTE

1 x 8-Speed

Acolyte helps you focus on your ride by removing obstacles and distractions. With simple 1×8 operation, a full mountain bike gear range, and robust SpringLock chain retention, there are only two things left to think about: you and the trail.

NEW

SL-M6280-R Flatbar Xpress Shifter

•Acolyte 8-Speed Right Xpress Shifter With Indicator

Model No.	SL-M6280-R
Speed	1 x 8
Side	Right
Shifter Style	Xpress Trigger
Bearing	No
Indicator	Yes
Clamp Material	Aluminum
Compatibility	Acolyte Only
Weight	130g

NEW

RD-M5185M / RD-M5180M 1x8 Rear Derailleurs

• Innovative SpringLock chain retention
• Direct path cable routing for smooth and responsive shifting
• Compatible with 12-42T and 12-46T 8-speed cassettes

Model No.	RD-M5185M	RD-M5180M
Speed	1 x 8	1 x 8
Cage Length	Medium Cage	Medium Cage
Max Cog	42-46T	42-46T
Chain Capacity	41T	41T
Clutch	Yes	No
Cage Material	Steel	Steel
Compatibility	Acolyte Only	Acolyte Only
Weight	387.5g	311g

RD-M5185M

RD-M5180M

ACOLYTE *1 x 8-Speed*

NEW

CS-H083 Wide Range Cassettes

• Steel cogs are continuously forged for strength and shifting accuracy

Model No.	CS-H083 12-42T	CS-H083 12-46T
Speed	8-Speed	8-Speed
Gear Range	12-42T	12-46T
Surface Finish	ED Black	ED Black
Combination	12-15-18-21-24-28-34-42	12-15-18-21-24-30-37-46
Spider	No	No
Cog Material	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub
Weight	505g	576g

XCD 1 x 11 -Speed

SL-M861-R Flatbar Xpress+ Shifter

- Xpress+ Technology
- Sealed bearings mechanism
- Low profile forged aluminum clamp
- Extra light shifting

Model No.	SL-M861-R
Speed	1 x 11
Side	Right
Shifter Style	Xpress+ Trigger
Bearing	Yes
Indicator	No
Clamp Material	Forged Aluminum
Compatibility	Shimano Mountain
Weight	104g

RD-M865M 1x11 Rear Derailleur

- Aluminum medium cage
- Chain stabilizing clutch: RD-M865M
- Direct cable path for lighter shifting

Model No.	RD-M865M
Speed	11-Speed
Cage Length	Medium Cage
Max Cog	40-46T
Chain Capacity	41T
Clutch	Yes
Cage Material	Aluminum
Compatibility	Shimano Mountain
Weight	311g

CS-G113 Alloy Spider Wide Range Cassettes

- ED Black sprockets
- Aluminum light weight construction
- Aluminum alloy large cogs and lock ring
- Aluminum alloy spider carrier

Model No.	CS-G113 11-46T	CS-G113 11-42T
Speed	11-Speed	11-Speed
Gear Range	11-46T	11-42T
Surface Finish	ED Black	ED Black
Combination	11-13-15-18-21-24-28-32-36-40*-46*	11-13-15-17-19-21-24-28-32-36-42*
Spider	Yes	Yes
Cog Material	Steel / *Aluminum	Steel / *Aluminum
Hub Compatibility	Standard Freehub	Standard Freehub
Weight	556g	426g

XLE11 1/2 x 11-Speed

SL-M851 Flatbar Xpress Shifters

• Xpress light action trigger shifting

Model No.	SL-M851-R	SL-M851-2
Speed	1 x 11	2 x 11
Side	Right	Pair
Shifter Style	Xpress Trigger	Xpress Trigger
Bearing	No	No
Indicator	No	No
Band Material	Aluminum	Aluminum
Compatibility	Shimano Mountain	Shimano Mountain
Weight	112g	225g

SB-M110 Integrated Drop Bar Shifters

• Left side brake lever only
• Compatible with MTB 1x11 Speed
• Replaceable hood cover
• Short reach option SB-M110(S): reach distance -10mm

Model No.	SB-M110
Speed	1 x 11
Side	Pair
Shifter Style	Integrated Drop Bar
Left side	Brake lever only
Brake Actuation	Short Pull
Brake Reach	Standard
Lever Material	Forged Aluminum
Compatibility	Shimano Mountain
Weight	378g

RD-M665M / RD-M66M 1x10/11 Rear Derailleurs

• Steel medium cage
• Chain stabilizing clutch: RD-M665M
• Direct cable path for lighter shifting
• Non-clutch option: RD-M66M

Model No.	RD-M665M	RD-M66M
Speed	10/11-Speed	10/11-Speed
Cage Length	Medium Cage	Medium Cage
Max Cog	40-46T	40-46T
Chain Capacity	41T	41T
Clutch	Yes	No
Cage Material	Steel	Steel
Compatibility	Shimano Mountain	Shimano Mountain
Weight	379g	309g

XLE11 1/2 x 11-Speed

RD-M665L / RD-M66L 2x10/11 Rear Derailleurs

• Steel long cage for 2x
• Chain stabilizing clutch: RD-M665L
• Direct cable path for lighter shifting
• Non-clutch option: RD-M66L

Model No.	RD-M665L	RD-M66L
Speed	10/11-Speed	10/11-Speed
Cage Length	Long Cage	Long Cage
Max Cog	40-46T	40-46T
Chain Capacity	47T	47T
Clutch	Yes	No
Cage Material	Steel	Steel
Compatibility	Shimano Mountain	Shimano Mountain
Weight	380g	310g

FD-M622 2x11 MTB Front Derailleurs

• Aluminum construction

Model No.	FD-M622-D	FD-M622-B
Speed	2 x 11	2 x 11
Mounting	Direct Mount	Band Clamp 34.9 (31.8 adaptor)option
Derailleur Style	Dual pull	Dual pull
Chainstay Angle	66-69°	66-69°
Top Gear Teeth	34-38T	34-38T
Capacity	10T	10T
Chain Line	48.8mm	48.8mm
Outer Link Material	Aluminum	Aluminum
Clamp Material	Aluminum	Aluminum
Compatibility	Shimano Mountain	Shimano Mountain
Weight	135g	149g

FD-M622G-B 2x11 Trekking Front Derailleur

• Aluminum construction
• Compatible with up to 46T double chainring

Model No.	FD-M622G-B
Speed	2 x11
Mounting	Band Clamp 34.9 (31.8 adaptor)option
Derailleur Style	Dual pull
Chainstay Angle	63-66°
Top Gear Teeth	42-46T
Capacity	12T
Chain Line	48.8mm
Outer Link Material	Aluminum
Clamp Material	Aluminum
Compatibility	Shimano Mountain
Weight	149g

XLE11 1/2 x 11-Speed

CS-H113 Wide Range Cassettes

- ED Black sprockets
- Steel lock ring

Model No.	CS-H113 11-46T	CS-H113 11-42T	CS-H113 11-40T
Speed	11-Speed	11-Speed	11-Speed
Gear Range	11-46T	11-42T	11-40T
Surface Finish	ED Black	ED Black	ED Black
Combination	11-13-15-18-21-24-28-32-36-40-46*	11-13-15-17-19-21-24-28-32-36-42*	11-13-15-17-19-21-24-28-32-36-40
Spider	No	No	No
Cog Material	Steel / *Aluminum	Steel / *Aluminum	Steel
Hub Compatibility	Standard Freehub	Standard Freehub	Standard Freehub
Weight	686g	557g	617g

XLE10 1/2/3 x 10-Speed

SL-M850 Flatbar Xpress Shifters

- Xpress light action trigger shifting

Model No.	SL-M850-R	SL-M850-2	SL-M850-3
Speed	1 x 10	2 x 10	3 x 10
Side	Right	Pair	Pair
Shifter Style	Xpress Trigger	Xpress Trigger	Xpress Trigger
Bearing	No	No	No
Indicator	No	No	No
Clamp Material	Aluminum	Aluminum	Aluminum
Compatibility	Shimano Mountain	Shimano Mountain	Shimano Mountain
Weight	112g	225g	225g

SL-M760 Flatbar Xpress Shifters

- Optical gear indicator
- Aluminum shift lever

Model No.	SL-M760-2	SL-M760-3
Speed	2 x 10	3 x 10
Side	Pair	Pair
Shifter Style	Xpress Trigger	Xpress Trigger
Bearing	No	No
Indicator	Yes	Yes
Clamp Material	Aluminum	Aluminum
Lever Material	Aluminum	Aluminum
Compatibility	Shimano Mountain	Shimano Mountain
Weight	286g	286g

SB-M100 1x10 Integrated Drop Bar Shifters

- Left side brake lever only
- Compatible with MTB 1x10 speed
- Replaceable hood cover
- Short reach option SB-M100(S): reach distance -10mm

Model No.	SB-M100
Speed	1 x 10
Side	Pair
Shifter Style	Integrated Drop Bar
Left side	Brake lever only
Brake Actuation	Short Pull
Brake Reach	Standard
Lever Material	Forged Aluminum
Compatibility	Shimano Mountain
Weight	378g

XLE10 1/2/3 x 10-Speed

RD-M665M / RD-M66M 1x10 Rear Derailleurs

- Steel medium cage
- Chain stabilizing clutch: RD-M665M
- Direct cable path for lighter shifting
- Non-clutch option: RD-M66M

Model No.	RD-M665M	RD-M66M
Speed	10-Speed	10-Speed
Cage Length	Medium Cage	Medium Cage
Max Cog	40-46T	40-46T
Chain Capacity	41T	41T
Clutch	Yes	No
Cage Material	Steel	Steel
Compatibility	Shimano Mountain	Shimano Mountain
Weight	373g	301g

RD-M62L Rear Derailleur

- Aluminum outer link

Model No.	RD-M62L
Speed	10-Speed
Cage Length	Long Cage
Max Cog	36-42T
Chain Capacity	47T
Clutch	No
Cage Material	Steel
Compatibility	Shimano Mountain
Weight	285g

RD-M61 Rear Derailleurs

- Aluminum outer link

Model No.	RD-M61L	RD-M61S
Speed	2/3 x 10	1/2 x 10
Cage Length	Long Cage	Short Cage
Max Cog	32-36T	32-36T
Chain Capacity	43T	35T
Clutch	No	No
Cage Material	Steel	Steel
Compatibility	Shimano Mountain	Shimano Mountain
Weight	281g	270g

XLE10 1/2/3 x 10-Speed

FD-M612 2x10 Front Derailleurs

- Aluminum construction

Model No.	FD-M612-D	FD-M612-B
Speed	2 x 10	2 x 10
Mounting	Direct Mount	Band Clamp 34.9 (31.8 adaptor)
Derailleur Style	Dual pull	Dual pull
Chainstay Angle	66-69°	66-69°
Top Gear Teeth	38-44T	38-44T
Capacity	14T	14T
Chain Line	48.8mm	48.8mm
Outer Link Material	Aluminum	Aluminum
Clamp Material	Aluminum	Aluminum
Compatibility	Shimano Mountain	Shimano Mountain
Weight	142g	156g

FD-M613 3x10 Front Derailleurs

- Aluminum construction
- Compatible with 42-32-24T or 40-30-22T cranksets

Model No.	FD-M613-D	FD-M613-B
Speed	3 x 10	3 x 10
Mounting	Direct Mount	Band Clamp 34.9 (31.8 adaptor)
Derailleur Style	Dual pull	Dual pull
Chainstay Angle	66-69°	66-69°
Top Gear Teeth	40-42T	40-42T
Capacity	18T	18T
Chain Line	50mm	50mm
Outer Link Material	Aluminum	Aluminum
Clamp Material	Aluminum	Aluminum
Compatibility	Shimano Mountain	Shimano Mountain
Weight	144g	158g

CS-H103 Wide Range Cassettes

- ED Black sprockets
- Steel lock ring

Model No.	CS-H103A 11-42T	CS-H103 11-40T
Speed	10-Speed	10-Speed
Gear Range	11-42T	11-40T
Surface Finish	ED Black	ED Black
Combination	11-13-15-18-21-24-28-32-36-42*	11-13-15-18-21-24-28-32-36-40
Spider	No	No
Cog Material	Steel / *Aluminum	Steel
Hub Compatibility	Standard Freehub	Standard Freehub
Weight	536g	595g

XLE10 *1/2/3 x 10-Speed*

CS-G100 Alloy Spider Cassette

- Chrome plated sprockets
- Aluminum lock ring

Model No.	CS-G100 11-36T
Speed	10-speed
Gear Range	11-36T
Surface Finish	Chrome Plated
Combination	11-13-15-17-19-21-24-28-32-36
Spider	Yes
Cog Material	Steel
Hub Compatibility	Standard Freehub
Weight	357g

CS-H100 10-Speed Cassettes

- Chrome plated sprockets
- Steel lock ring

Model No.	CS-H100 11-36T	CS-H100 11-34T	CS-H100 11-32T
Speed	10-Speed	10-Speed	10-Speed
Gear Range	11-36T	11-34T	11-32T
Surface Finish	Chrome Plated	Chrome Plated	Chrome Plated
Combination	11-13-15-17-19-21-24-28-32-36	11-12-13-15-17-19-21-24-28-34	11-12-13-15-17-19-21-24-28-32
Spider	No	No	No
Cog Material	Steel	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub	Standard Freehub
Weight	446g	377g	351g

SL-M859 Flatbar Xpress Shifters

• Xpress light action trigger shifting

Model No.	SL-M859
Speed	2/3 x 9
Side	Pair
Shifter Style	Xpress Trigger
Bearing	No
Indicator	No
Clamp Material	Aluminum
Compatibility	Shimano Mountain
Weight	225g

SL-M759 Flatbar Xpress Shifters

• Optical gear indicator

Model No.	SL-M759
Speed	2/3 x 9
Side	Pair
Shifter Style	Xpress Trigger
Bearing	No
Indicator	Yes
Clamp Material	Aluminum
Lever Material	Composite
Compatibility	Shimano Mountain
Weight	271g

RD-M46 Rear Derailleurs

• Metal construction

Model No.	RD-M46L	RD-M46S
Speed	2/3 x 9	1/2 x 9
Cage Length	Long Cage	Short Cage
Max Cog	28-36T	28-36T
Chain Capacity	45T	39T
Body Material	Steel	Steel
Outer Link Material	Aluminum	Aluminum
Compatibility	Shimano Mountain	Shimano Mountain
Weight	317g	307g

MARVO LT 2/3 x 9-Speed

FD-M462 2x9 Front Derailleurs

• Aluminum construction

Model No.	FD-M462-D	FD-M462-B
Speed	2 x 9	2 x 9
Mounting	Direct Mount	Band Clamp 34.9 (31.8 adaptor)
Derailleur Style	Dual pull	Dual pull
Chainstay Angle	66-69°	66-69°
Capacity	14T	14T
Top Gear Teeth	34-42T	34-42T
Chain Line	48.8mm	48.8mm
Outer Link Material	Aluminum	Aluminum
Clamp Material	Aluminum	Aluminum
Compatibility	Shimano Mountain	Shimano Mountain
Weight	140g	154g

FD-M43 3x9 Front Derailleur

• Compatible with 44-32-22T crankset

Model No.	FD-M43
Speed	3 x 9
Mounting	Band Clamp 34.9 (31.8 / 28.6 adaptor)
Derailleur Style	Dual pull
Chainstay Angle	66-69°
Top Gear Teeth	44T
Capacity	22T
Chain Line	50/47.5mm
Outer Link Material	Steel
Clamp Material	Steel / Aluminum
Compatibility	Shimano Mountain
Weight	150g

CS-H092 9-Speed Cassettes

• Nickel plated sprockets
• Steel lock ring

Model No.	CS-H092 11-36T	CS-H092 11-34T	CS-H092 11-32T
Speed	9-Speed	9-Speed	9-Speed
Gear Range	11-36T	11-34T	11-32T
Surface Finish	Nickel Plated	Nickel Plated	Nickel Plated
Combination	11-13-15-18-21-24-28-32-36	11-13-15-17-19-21-24-28-34	11-13-15-17-19-21-24-28-32
Spider	No	No	No
Cog Material	Steel	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub	Standard Freehub
Weight	442g	363g	337g

TS39-2 Flatbar 2x Thumb-Tap Shifters

- Light shifting design
- Entry level shifters
- Index for left and right sides

Model No.	TS39-29	TS39-28
Speed	2 x 9	2 x 8
Side	Pair	Pair
Shifter Style	Thumb-Tap	Thumb-Tap
Bearing	No	No
Indicator	Yes	Yes
Clamp Material	Steel / Composite	Steel / Composite
Lever Material	Steel / Composite	Steel / Composite
Compatibility	Shimano Mountain	Shimano Mountain
Weight	242g	242g

TS39 Flatbar 3x Thumb-Tap Shifters

- Light shifting design
- Entry level shifters
- Index for left and right sides

Model No.	TS39-9	TS39-8
Speed	3 x 9	3 x 8
Side	Pair	Pair
Shifter Style	Thumb-Tap	Thumb-Tap
Bearing	No	No
Indicator	Yes	Yes
Clamp Material	Steel / Composite	Steel / Composite
Lever Material	Steel / Composite	Steel / Composite
Compatibility	Shimano Mountain	Shimano Mountain
Weight	242g	242g

Model No.	TS39-7	TS39-6
Speed	3 x 7	3 x 6
Side	Pair	Pair
Shifter Style	Thumb-Tap	Thumb-Tap
Bearing	No	No
Indicator	Yes	Yes
Clamp Material	Steel / Composite	Steel / Composite
Lever Material	Steel / Composite	Steel / Composite
Compatibility	Shimano Mountain	Shimano Mountain
Weight	242g	242g

mezzo 2/3 x 7/8/9-Speed

RD-M36 Rear Derailleurs

- Steel cage

Model No.	RD-M36L	RD-M36S
Speed	2/3 x 8/9	1/2 x 8/9
Cage Length	Long Cage	Short Cage
Max Cog	28-36T	28-36T
Chain Capacity	45T	39T
Body Material	Aluminum	Aluminum
Outer Link Material	Composite	Composite
Compatibility	Shimano Mountain	Shimano Mountain
Weight	306g	293g

FD-T392 / FD-T382 / FD-M382 2x9/8 Front Derailleurs

Model No.	FD-T392	FD-T382	FD-M382B
Speed	2 x 9	2 x 8	2 x 8
Mounting	Band Clamp 34.9 (31.8 / 28.6 adaptor)	Band Clamp 34.9 (31.8 / 28.6 adaptor)	Band Clamp 34.9 (31.8 / 28.6 adaptor)
Derailleur Style	Dual pull	Dual pull	Dual pull
Chainstay Angle	63-68°	63-68°	64-69°
Top Gear Teeth	44-48T	44-48T	34-38T
Capacity	12-16T	12-16T	10-14T
Chain Line	48.8mm	48.8mm	48.8mm
Outer Link Material	Steel	Steel	Steel
Clamp Material	Steel / Aluminum	Steel / Aluminum	Steel / Aluminum
Compatibility	Shimano Mountain	Shimano Mountain	Shimano Mountain
Weight	170g	170g	167g

FD-M292 / FD-M282 / FD-T202 2x9/8/7 Front Derailleurs

Model No.	FD-M292	FD-M282	FD-T202
Speed	2 x 9	2 x 8	2 x 7/8
Mounting	Band Clamp 34.9 (31.8/ 28.6 adaptor)	Band Clamp 34.9 (31.8 / 28.6adaptor)	Band Clamp 34.9 (31.8/ 28.6 adaptor)
Derailleur Style	Dual pull	Dual pull	Dual pull
Chainstay Angle	64-69°	64-69°	63-68°
Top Gear Teeth	34-38T	34-38T	40-46T
Capacity	10-14T	10-14T	8-16T
Chain Line	48.8mm	48.8mm	48.8mm
Outer Link Material	Steel	Steel	Steel
Clamp Material	Steel / Aluminum	Steel / Aluminum	Steel / Aluminum
Compatibility	Shimano Mountain	Shimano Mountain	Shimano Mountain
Weight	141g	141g	140g

FD-M282

FD-T202

FD-M22 / FD-M20 / FD-M30 3x7/8 Front Derailleurs

Model No.	FD-M30	FD-M20	FD-M22
Speed	42-32-22T x 8	42-34-24T x 7/8	48-38-28T x 7/8
Mounting	Band Clamp 34.9 (31.8 / 28.6 adaptor)	Band Clamp 34.9 (31.8 / 28.6 adapter)	Band Clamp 34.9 (31.8 / 28.6 adapter)
Derailleur Style	Dual pull	Dual pull	Dual pull
Chainstay Angle	66-69°	66-69°	66-69°
Top Gear Teeth	42T	42T	48T
Capacity	20T	18T	20T
Chain Line	50/47.5mm	50/47.5mm	50/47.5mm
Outer Link Material	Aluminum	Aluminum	Aluminum
Clamp Material	Steel / Aluminum	Steel / Aluminum	Steel / Aluminum
Compatibility	Shimano Mountain	Shimano Mountain	Shimano Mountain
Weight	146g	143g	152g

FD-M30

FD-M20

FD-M22

CS-H082 8-Speed Cassettes

- Nickel plated sprockets
- Steel lock ring

Model No.	CS-H082 11-34T	CS-H082 11-32T	CS-H082 12-32T
Speed	8-Speed	8-Speed	8-Speed
Gear Range	11-34T	11-32T	12-32T
Surface Finish	Nickel Plated	Nickel Plated	Nickel Plated
Combination	11-13-15-18-21-24-28-34	11-13-15-18-21-24-28-32	12-13-15-18-21-24-28-32
Spider	No	No	No
Cog Material	Steel	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub	Standard Freehub
Weight	344g	318g	339g

CS-H081 8-Speed Cassettes

- Black sprockets
- Steel lock ring

Model No.	CS-H081 11-34T	CS-H081 11-32T	CS-H081 12-32T
Speed	8-Speed	8-Speed	8-Speed
Gear Range	11-34T	11-32T	12-32T
Surface Finish	Black	Black	Black
Combination	11-13-15-18-21-24-28-34	11-13-15-18-21-24-28-32	12-13-15-18-21-24-28-32
Spider	No	No	No
Cog Material	Steel	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub	Standard Freehub
Weight	344g	318g	339g

CS-H072 7-Speed Cassette

- Nickel plated sprockets
- Steel lock ring

Model No.	CS-H072 12-28T
Speed	7-Speed
Gear Range	12-28T
Surface Finish	Nickel Plated
Combination	12-13-15-18-21-24-28
Spider	No
Cog Material	Steel
Hub Compatibility	Standard Freehub
Weight	261g

CS-H071 7-Speed Cassette

- Black sprockets
- Steel lock ring

Model No.	CS-H071 12-28T
Speed	7-Speed
Gear Range	12-28T
Surface Finish	Black
Combination	12-13-15-18-21-24-28
Spider	No
Cog Material	Steel
Hub Compatibility	Standard Freehub
Weight	261g

MTB Non-Group Components

SL-M12-R / SL-SR-M12-R Flatbar Thumb Shifters

• Low profile CNC machined aluminum body
• Micro adjustment barrels

Model No.	SL-M12-R	SL-SR-M12-R
Speed	1 x 12	1 x 12
Side	Right	Right
Shifter Style	Flat Bar Thumb Shifter	Flat Bar Thumb Shifter
Right Side	Index/Friction	Index/Friction
Compatibility	Shimano Mountain	SRAM Mountain
Weight	64g	64g

BS-M12-R / BS-SR-M12-R Rear Derailleurs

• Aluminum construction

Model No.	BS-M12-R	BS-SR-M12-R
Speed	1 x 12	1 x 12
Side	Right	Right
Shifter Style	Bar End Shifter	Bar End Shifter
Right Side	Index/Friction	Index/Friction
Compatibility	Shimano Mountain	SRAM Mountain
Weight	75g	75g

SL-M11 / SL-SR-M11-R Flatbar Thumb Shifters

• Low profile CNC machined aluminum body
• Micro adjustment barrels

Model No.	SL-M11	SL-M11-R	SL-SR-M11-R
Speed	2/3 x 11	1 x 11	1 x 11
Side	Pair	Right	Right
Shifter Style	Flat Bar Thumb Shifter	Flat Bar Thumb Shifter	Flat Bar Thumb Shifter
Left Side	Friction	—	—
Right Side	Index/Friction	Index/Friction	Index/Friction
Compatibility	Shimano Mountain	Shimano Mountain	SRAM Mountain
Weight	128g	64 g	64g

MTB Non-Group Components

BS-M11 / BS-SR-M11-R Bar End Shifters

• Aluminum construction

Model No.	BS-M11	BS-M11-R	BS-SR-M11-R
Speed	2/3 x 11	1 x 11	1 x 11
Side	Pair	Right	Right
Shifter Style	Bar End Shifter	Bar End Shifter	Bar End Shifter
Left Side	Friction	—	—
Right Side	Index / Friction	Index / Friction	Index / Friction
Compatibility	Shimano Mountain	Shimano Mountain	SRAM Mountain
Weight	150g	75 g	75g

SL-M10 Flatbar Thumb Shifters

• Low profile CNC machined aluminum body
• Micro adjustment barrels

Model No.	SL-M10	SL-M10-R
Speed	2/3 x 10	1 x 10
Side	Pair	Right
Left Side	Friction	—
Right Side	Index/Friction	Index/Friction
Shifter Style	Flat Bar Thumb Shifter	Flat Bar Thumb Shifter
Compatibility	Shimano Mountain	Shimano Mountain
Weight	128g	64g

BS-M10 Bar End Shifters

• Aluminum construction

Model No.	BS-M10	BS-M10-R
Speed	2/3 x 10	1 x 10
Side	Pair	Right
Left Side	Friction	—
Right Side	Index/Friction	Index/Friction
Shifter Style	Bar End Shifter	Bar End Shifter
Compatibility	Shimano Mountain	Shimano Mountain
Weight	150g	75 g

MTB Non-Group Components

TS38-2 Flatbar Thumb-Tap Shifters

- Light shifting design
- Economical design
- Optical gear indicator

Model No.	TS38-29	TS38-28
Speed	2 x 9	2 x 8
Side	Pair	Pair
Shifter Style	Thumb-Tap	Thumb-Tap
Bearing	No	No
Indicator	Yes	Yes
Clamp Material	Composite	Composite
Lever Material	Steel / Composite	Steel / Composite
Compatibility	Shimano Mountain	Shimano Mountain
Weight	242g	242g

TS38 Flatbar Thumb-Tap Shifters

- Light shifting design
- Economical design
- Optical gear indicator

Model No.	TS38-9	TS38-8
Speed	3 x 9	3 x 8
Side	Pair	Pair
Shifter Style	Thumb-Tap	Thumb-Tap
Bearing	No	No
Indicator	Yes	Yes
Clamp Material	Composite	Composite
Lever Material	Steel / Composite	Steel / Composite
Compatibility	Shimano Mountain	Shimano Mountain
Weight	242g	242g

Model No.	TS38-7	TS38-6
Speed	3 x 7	3 x 6
Side	Pair	Pair
Shifter Style	Thumb-Tap	Thumb-Tap
Bearing	No	No
Indicator	Yes	Yes
Clamp Material	Composite	Composite
Lever Material	Steel / Composite	Steel / Composite
Compatibility	Shimano Mountain	Shimano Mountain
Weight	242g	242g

MTB Non-Group Components

TS71 Flatbar Thumb-Tap Shifters

- Short stroke design
- Index for left and right sides

Model No.	TS71-9	TS71-8
Speed	3 x 9	3 x 8
Side	Pair	Pair
Shifter Style	Thumb-Tap	Thumb-Tap
Bearing	No	No
Indicator	Yes	Yes
Clamp Material	Aluminum	Aluminum
Lever Material	Steel / Composite	Steel /Composite
Compatibility	Shimano Mountain	Shimano Mountain
Weight	282g	282g

DS45 Smart Deck Twist Shifter

- Low torque light shifting
- Intuitive gear indicator design
- Designed for young riders

Model No.	DS45-7R
Speed	7-Speed
Side	Right
Indicator	Yes
Shifter Style	Twist
Compatibility	Shimano Mountain
Weight	88g

DS85 Twist Type Shifters

- Compact twist type shifter
- Left shifter options: index left shifter or (F) friction left shifter

Model No.	DS85-9/9F	DS85-8/8F	DS85-7/7F
Speed	3 x 9	3 x 8	3 x 7
Side	Pair	Pair	Pair
Left Side	Index/(F)Friction	Index/(F)Friction	Index/(F)Friction
Right Side	Index	Index	Index
Indicator	Yes	Yes	Yes
Shifter Style	Twist	Twist	Twist
Compatibility	Shimano Mountain	Shimano Mountain	Shimano Mountain

MTB Non-Group Components

MS25 Twist Type Shifters

• Standard twist type shifter with knurled grips
• Left shifter options: index left shifter or (F) friction left shifter

Model No.	MS25-8/8F	MS25-7/7F	MS25-6/6F
Speed	3 x 8	3 x 7	3 x 6
Side	Pair	Pair	Pair
Left Side	Index/(F)Friction	Index/(F)Friction	Index/(F)Friction
Right Side	Index	Index	Index
Indicator	No	No	No
Shifter Style	Twist	Twist	Twist
Compatibility	Shimano Mountain	Shimano Mountain	Shimano Mountain

MS29 Twist Type Shifters

• Standard twist type shifter with textured grips
• Left shifter options: index left shifter or (F) friction left shifter

Model No.	MS29-8/8F	MS29-7/7F	MS29-6/6F
Speed	3 x 8	3 x 7	3 x 6
Side	Pair	Pair	Pair
Left Side	Index/(F)Friction	Index/(F)Friction	Index/(F)Friction
Right Side	Index	Index	Index
Indicator	No	No	No
Shifter Style	Twist	Twist	Twist
Compatibility	Shimano Mountain	Shimano Mountain	Shimano Mountain

MS12 Twist Type Shifters

• Economical twist type shifter
• Left shifter options: index left shifter or (F) friction left shifter

Model No.	MS12-7/7F	MS12-6/6F
Speed	3 x 7	3 x 6
Side	Pair	Pair
Left Side	Index/(F)Friction	Index/(F)Friction
Right Side	Index	Index
Indicator	No	No
Shifter Style	Twist	Twist
Compatibility	Shimano Mountain	Shimano Mountain

MTB Non-Group Components

RD-M26 7/8 Speed Rear Derailleurs

• Composite and steel construction
• Suitable for entry level bikes

Model No.	RD-M26L	RD-M26S
Speed	2/3 x 7/8	1/2 x 7/8
Cage Length	Long Cage	Short Cage
Min Cog	11-12T	11-12T
Max Cog	28-36T	28-36T
Chain Capacity	45T	39T
Body Material	Composite	Composite
Outer Link Material	Composite	Composite
Compatibility	Shimano Mountain	Shimano Mountain
Weight	294g	284g

RD-M26C 7/8 Speed Rear Derailleurs

• Composite and steel construction
• Suitable for entry level bikes

Model No.	RD-M26CL	RD-M26CS
Speed	2/3 x 7/8	1/2 x 7/8
Cage Length	Long Cage	Short Cage
Min Cog	13-14T	13-14T
Max Cog	28-34T	28-34T
Chain Capacity	45T	39T
Body Material	Composite	Composite
Outer Link Material	Composite	Composite
Compatibility	Shimano Mountain	Shimano Mountain
Weight	299g	274g

RD-M21 6/7 Speed Rear Derailleurs

• Composite and steel construction
• Suitable for entry level bikes

Model No.	RD-M21L/LA	RD-M21S/SA	RD-M21SS/SSA
Speed	2/3 x 6/7	2 x 6/7	1 x 6/7
Cage Length	Long Cage	Short Cage	Super Short Cage
Max Cog	28-30T	28-30T	28-30T
Min Cog	13-14T	13-14T	13-14T
Chain Capacity	43T	37T	21T
Body Material	Steel / Composite	Steel / Composite	Steel / Composite
Outer Link Material	Steel / Composite	Steel / Composite	Steel / Composite
Compatibility	Shimano Mountain	Shimano Mountain	Shimano Mountain
Weight	271g (L)	269g(S)	241g(SS)

ROAD

CENTOS 11
CENTOS 10

With all the design cues of our top-level road products in a more attainable package, Centos can be raced or ridden at any level.

R10
R9
R8

These classically styled road components continue a tradition of performance and durability that dates back to our inception.

CENTOS 11 *2 x 11-Speed*

SB-R512B Integrated Drop Bar Shifters

- Internally routed cables
- Independent shift levers
- Replaceable hood cover
- Adjustable reach (0~12mm)

Model No.	SB-R512B-BK
Speed	2 x 11
Side	Pair
Shifter Style	Integrated Drop Bar
Brake Reach	Adjustable
Lever Material	Forged Aluminum
Compatibility	Shimano Road
Weight	498g

SL-R861 Flatbar Xpress+ Shifters

- Xpress+ Technology
- Sealed bearings mechanism
- Low profile forged aluminum clamp
- Extra light shifting
- Trim function on left shifter

Model No.	SL-R861
Speed	2 x 11
Side	Pair
Shifter Style	Xpress+ Trigger
Bearing	Yes
Indicator	No
Clamp Material	Forged Aluminum
Compatibility	Shimano Road
Weight	205g

SL-R761 Flatbar Xpress+ Shifters

- Xpress+ Technology
- Optimcal gear indicator
- Sealed bearings mechanism
- Aluminum shift Lever
- Trim function on left shifter

Model No.	SL-R761
Speed	2 x 11
Side	Pair
Shifter Style	Xpress+ Trigger
Bearing	Yes
Indicator	Yes
Clamp Material	Aluminum
Lever Material	Aluminum
Compatibility	Shimano Road
Weight	292g

CENTOS 11 *2 x 11-Speed*

BS-A11 Bar End Shifters

• Aluminum construction

Model No.	BS-A11
Speed	2 x 11
Shifter Style	Bar End Shifter
Side	Pair
Left	Friction
Right	Index
Compatibility	Shimano Road
Weight	140g

SL-A11 Flatbar Thumb Shifters

• Low profile CNC machined aluminum body
• Micro adjustment barrels

Model No.	SL-A11
Speed	2 x 11
Shifter Style	Flat Bar Thumb Shifter
Side	Pair
Left Side	Friction
Right Side	Index
Compatibility	Shimano Road
Weight	112g

FD-R58 Front Derailleurs

• Cold forged aluminum bracket
• Cold forged inner & outer links

Model No.	FD-R58-F-BK	FD-R58-B-BK
Speed	2 x 11	2 x 11
Mounting	Braze On	Band Clamp 34.9 (31.8 adaptor)
Derailleur Style	Down pull	Down pull
Chainstay Angle	61-66°	61-66°
Capacity	16T	16T
Top Gear Teeth	50-56T	50-56T
Chain Line	43.5mm	43.5mm
Outer Link Material	Forged Aluminum	Forged Aluminum
Compatibility	Shimano Road	Shimano Road
Weight	95g	119g

CENTOS 11 *2 x 11-Speed*

RD-R58S Rear Derailleur

• Full aluminum construction

Model No.	RD-R58S
Speed	2 x 11
Cage Length	Short Cage
Max Cog	25-30T
Chain Capacity	35T
Clutch	No
Cage Material	Aluminum
Outer Link Material	Forged Aluminum
Compatibility	Shimano Road
Weight	194g

CS-G110 Alloy Spider Cassettes

• Chrome plated sprockets
• Aluminum alloy bracket spider
• Aluminum lock ring

Model No.	CS-G110 11-32T	CS-G110 11-28T
Speed	11-Speed	11-Speed
Gear Range	11-32T	11-28T
Surface Finish	Chrome Plated	Chrome Plated
Combination	11-12-13-14-15-17-19-21-24-28-32	11-12-13-14-15-16-17-19-21-24-28
Spider	Yes	Yes
Cog Material	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub
Weight	314g	271g

Model No.	CS-G110 11-25T
Speed	11-Speed
Gear Range	11-25T
Surface Finish	Chrome Plated
Combination	11-12-13-14-15-16-17-19-21-23-25
Spider	Yes
Cog Material	Steel
Hub Compatibility	Standard Freehub
Weight	264g

CENTOS 11

2 x 11-Speed

CS-H110 11-Speed Cassettes

- Chrome plated sprockets
- Steel lock ring

Model No.	CS-H110 11-34T	CS-H110 11-32T
Speed	11-Speed	11-Speed
Gear Range	11-34T	11-32T
Surface Finish	Chrome Plated	Chrome Plated
Combination	11-12-13-14-15-17-19-21-24-28-34	11-12-13-14-15-17-19-21-24-28-32
Spider	No	No
Cog Material	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub
Weight	403g	371g

Model No.	CS-H110 11-28T	CS-H110 11-25T
Speed	11-Speed	11-Speed
Gear Range	11-28T	11-25T
Surface Finish	Chrome Plated	Chrome Plated
Combination	11-12-13-14-15-16-17-19-21-24-28	11-12-13-14-15-16-17-19-21-23-25
Spider	No	No
Cog Material	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub
Weight	311g	301g

CENTOS 10

2x10 Speed Tiagra 4700 Compatible

SB-R502B 2x10 Integrated Drop Bar Shifters

- Internally routed cables
- Independent shift levers
- Replaceable hood cover
- Adjustable reach (0~12mm)

Model No.	SB-R502B-BK
Speed	2 x 10
Side	Pair
Shifter Style	Integrated Drop Bar
Brake Reach	Adjustable
Lever Material	Forged Aluminum / Steel
Compatibility	Shimano Tiagra 4700
Weight	498g

SL-R860B-2 Flatbar Xpress+ Shifters

- Xpress+ Technology
- Sealed bearings mechanism
- Low profile forged aluminum clamp
- Extra light shifting
- Trim function on left shifter

Model No.	SL-R860B-2
Speed	2 x 10
Side	Pair
Shifter Style	Xpress+ Trigger
Bearing	Yes
Indicator	No
Clamp Material	Forged Aluminum
Compatibility	Shimano Tiagra 4700
Weight	205g

BS-T10B / BS-A10B Bar End Shifters

- Aluminum construction

Model No.	BS-T10B	BS-A10B
Speed	2/3 x 10	2/3 x 10
Shifter Style	Bar End Shifter	Bar End Shifter
Side	Pair	Pair
Left	Friction	Friction
Right	Index / Friction	Index
Compatibility	Shimano Tiagra 4700	Shimano Tiagra 4700
Weight	141g	140g

SL-T10B / SL-A10B Flatbar Thumb Shifters

- Low profile CNC machined aluminum body
- Micro adjusment barrels

Model No.	SL-T10B	SL-A10B
Speed	2/3 x 10	2/3 x 10
Shifter Style	Flatbar Thumb Shifter	Flatbar Thumb Shifter
Side	Pair	Pair
Left	Friction	Friction
Right	Index / Friction	Index
Compatibility	Shimano Tiagra 4700	Shimano Tiagra 4700
Weight	141g	140g

FD-R552 2 x 10 Front Derailleurs

- Cold forged Inner & Outer link

Model No.	FD-R552-F	FD-R552-B
Speed	2 x 10	2 x 10
Mounting	Braze On	Band Clamp 34.9 (31.8 adaptor)
Derailleur Style	Down pull	Down pull
Chainstay angle	61-66°	61-66°
Capacity	16T	16T
Top Gear Teeth	50-56T	50-56T
Chain Line	43.5mm	43.5mm
Outer Link Material	Forged Aluminum	Forged Aluminum
Compatibility	Shimano Road	Shimano Road
Weight	96g	119g

RD-R55S Rear Derailleur

- Full Aluminum Construction

Model No.	RD-R55S
Speed	2 x 10
Cage Length	Short Cage
Max Cog	25-30T
Chain Capacity	35T
Clutch	No
Cage Material	Aluminum
Outer Link Material	Forged Aluminum
Compatibility	Shimano Tiagra 4700
Weight	194g

CENTOS 10 2x10 Speed Tiagra 4700 Compatible

CS-G100 Alloy Spider Cassettes

- Chrome plated sprockets
- Aluminum alloy bracket spider
- Aluminum lock ring

Model No.	CS-G100 11-28T	CS-G100 11-25T
Speed	10-Speed	10-Speed
Gear Range	11-28T	11-25T
Surface Finish	Chrome Plated	Chrome Plated
Combination	11-12-13-14-15-17-19-21-24-28	11-12-13-14-15-17-19-21-23-25
Spider	Yes	Yes
Cog Material	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub
Weight	255g	239g

R10 2/3 x 10-Speed

SB-R502E 2x10 Integrated Drop Bar Shifters

- Internally routed cables
- Independent shift levers
- Replaceable hood cover
- Adjustable reach (0~12mm)

Model No.	SB-R502E
Speed	2 x 10
Side	Pair
Shifter Style	Integrated Drop Bar
Brake Reach	Adjustable
Lever Material	Aluminum / Steel
Compatibility	Shimano 4600 Road
Weight	498g

SB-R402K 2x10 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

Model No.	SB-R402K-BK	SB-R402K(S)-BK
Speed	2 x 10	2 x 10
Side	Pair	Pair
Shifter Style	Integrated Drop Bar	Integrated Drop Bar
Brake Actuation	Short Pull	Short Pull
Brake Reach	Standard	Short
Surface Finish	Anodized Black	Anodized Black
Lever Material	Aluminum / Steel	Aluminum / Steel
Compatibility	Shimano 4600 Road	Shimano 4600 Road
Weight	430g	430g

R10 2/3 x 10-Speed

SB-R403K 3x10 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

Model No.	SB-R403K-BK	SB-R403K(S)-BK
Speed	3 x 10	3 x 10
Side	Pair	Pair
Shifter Style	Integrated Drop Bar	Integrated Drop Bar
Brake Actuation	Short Pull	Short Pull
Brake Reach	Standard	Short
Surface Finish	Anodized Black	Anodized Black
Lever Material	Aluminum / Steel	Aluminum / Steel
Compatibility	Shimano 4600 Road	Shimano 4600 Road
Weight	430g	430g

SL-R760 Flatbar Xpress Shifters

- Aluminum shift lever
- Trim function on left shifter

Model No.	SL-R760-2	SL-R760-3
Speed	2 x 10	3 x 10
Side	Pair	Pair
Shifter Style	Xpress Trigger	Xpress Trigger
Bearing	No	No
Indicator	Yes	Yes
Clamp Material	Aluminum	Aluminum
Lever Material	Aluminum	Aluminum
Compatibility	Shimano 4600 Road	Shimano 4600 Road
Weight	284g	284g

R10 2/3 x 10-Speed

BS-T10 / BS-A10 Bar End Shifters

• Aluminum construction

Model No.	BS-T10	BS-A10
Speed	2/3 x 10	2/3 x 10
Shifter Style	Transferable Bar End	Bar End Shifter
Side	Pair	Pair
Left	Friction	Friction
Right	Index /Friction	Index
Compatibility	Shimano 4600 Road	Shimano 4600 Road
Weight	141g	140g

SL-T10 / SL-A10 Flatbar Thumb-Tap Shifters

• Low profile CNC machined aluminum body
• Micro adjustment barrels

Model No.	SL-T10	SL-A10
Speed	2/3 x 10	2/3 x 10
Shifter Style	Flatbar Thumb Shifter	Flatbar Thumb Shifter
Side	Pair	Pair
Left	Friction	Friction
Right	Index /Friction	Index
Compatibility	Shimano 4600 Road	Shimano 4600 Road
Weight	141g	140g

R10 2/3 x 10-Speed

FD-R712 2x10 Front Derailleurs

• Cold forged inner & outer link

Model No.	FD-R712-F-BK	FD-R712-B-BK
Speed	2 x 10	2 x 10
Mounting	Braze On	Band Clamp 34.9 (31.8 adaptor)
Derailleur Style	Down pull	Down pull
Chainstay Angle	61-66°	61-66°
Capacity	16T	16T
Top Gear Teeth	50-56T	50-56T
Chain Line	43.5mm	43.5mm
Surface Finish	Anodized Black	Anodized Black
Outer Link Material	Forged Aluminum	Forged Aluminum
Compatibility	Shimano Road	Shimano Road
Weight	96 g	119 g

FD-R730 3x10 Front Derailleurs

• Compatible with 50-39-30T crankset

Model No.	FD-R730-F-BK	FD-R730-B-BK
Speed	3 x 10	3 x 10
Mounting	Braze On	Band Clamp 34.9 (31.8 Adaptor)
Derailleur Style	Down pull	Down pull
Chainstay Angle	63-66°	63-66°
Capacity	20T	20T
Top Gear Teeth	50T	50T
Chain Line	45mm	45mm
Surface Finish	Anodized Black	Anodized Black
Outer Link Material	Forged Aluminum	Forged Aluminum
Compatibility	Shimano Road	Shimano Road
Weight	119g	144g

R10 2/3 x 10-Speed

FD-R732 3x10 Front Derailleurs

• Compatible with 52-39-30T crankset

Model No.	FD-R732-F-BK	FD-R732-B-BK
Speed	3 x 10	3 x 10
Type	Brazed On	Band Clamp 34.9 (31.8 Adaptor)
Derailleur Style	Down pull	Down pull
Chainstay angle	63-66°	63-66°
Chainstay Capacity	22T	22T
Top Gear Teeth	52T	52T
Chain Line	45mm	45mm
Surface Finish	Anodized Black	Anodized Black
Outer Link Material	Forged Aluminum	Forged Aluminum
Compatibility	Shimano Road	Shimano Road
Weight	117g	142g

RD-R47 Rear Derailleurs

• Aluminum construction

Model No.	RD-R47S-BK	RD-R47-BK
Speed	2 x 10	3 x 10
Cage Length	Short Cage	Long Cage
Max Cog	25-28T	25-28T
Chain Capacity	33T	39T
Surface Finish	Anodized Black	Anodized Black
Cage Material	Aluminum	Aluminum
Outer Link Material	Aluminum	Aluminum
Compatibility	Shimano 4600 Road	Shimano 4600 Road
Weight	218g	226g

RD-R51M Wide Range Rear Derailleur

• Compatible with up to 34T cog

Model No.	RD-R51M-BK
Speed	2 x 10
Cage Length	Medium Cage
Max Cog	30-34T
Chain Capacity	39T
Cage Material	Aluminum
Outer Link Material	Aluminum
Compatibility	Shimano 4600 Road
Weight	220g

R10 2/3 x 10-Speed

CS-H100 10-Speed Cassettes

• Chrome plated sprockets
• Steel lock ring

Model No.	CS-H100 11-34T	CS-H100 11-32T
Speed	10-Speed	10-Speed
Gear Range	11-34T	11-32T
Surface Finish	Chrome Plated	Chrome Plated
Combination	11-12-13-15-17-19-21-24-28-34	11-12-13-15-17-19-21-24-28-32
Spider	No	No
Cog Material	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub
Weight	377g	351g

Model No.	CS-H100 11-28T	CS-H100 11-25T
Speed	10-Speed	10-Speed
Gear Range	11-28T	11-25T
Surface Finish	Chrome Plated	Chrome Plated
Combination	11-12-13-14-15-17-19-21-24-28	11-12-13-14-15-17-19-21-23-25
Spider	No	No
Cog Material	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub
Weight	289g	274g

SB-R490 1x9 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

Model No.	SB-R490-BK	SB-R490(S)-BK
Speed	1 x 9	1 x 9
Side	Pair	Pair
Shifter Style	Integrated Drop Bar	Integrated Drop Bar
Left Side	Brake lever only	Brake lever only
Brake Actuation	Short Pull	Short Pull
Brake Reach	Standard	Short
Surface Finish	Anodized Black	Anodized Black
Lever Material	Forged Aluminum / Steel	Forged Aluminum/ Steel
Compatibility	Shimano Road	Shimano Road
Weight	430g	430g

SB-R492 2x9 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

Model No.	SB-R492-BK	SB-R492(S)-BK
Speed	2 x 9	2 x 9
Side	Pair	Pair
Shifter Style	Integrated Drop Bar	Integrated Drop Bar
Brake Actuation	Short Pull	Short Pull
Brake Reach	Standard	Short
Surface Finish	Anodized Black	Anodized Black
Lever Material	Forged Aluminum / Steel	Forged Aluminum / Steel
Compatibility	Shimano Road	Shimano Road
Weight	430g	430g

SB-R493 3x9 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

Model No.	SB-R493-BK	SB-R493(S)-BK
Speed	3 x 9	3 x 9
Side	Pair	Pair
Shifter Style	Integrated Drop Bar	Integrated Drop Bar
Brake Actuation	Short Pull	Short Pull
Brake Reach	Standard	Short
Surface Finish	Anodized Black	Anodized Black
Lever Material	Forged Aluminum / Steel	Forged Aluminum / Steel
Compatibility	Shimano Road	Shimano Road
Weight	430g	430g

SL-R859 Flatbar Xpress Shifters

- Extra light shifting
- Trim function on left shifter

Model No.	SL-R859
Speed	2 x 9
Side	Pair
Shifter Style	Xpress Trigger
Bearing	Yes
Indicator	No
Clamp Material	Aluminum
Lever Material	Aluminum
Compatibility	Shimano Road
Weight	225g

SL-R769 Flatbar Xpress Shifters

- Optical gear indicators
- Trim function on left shifter

Model No.	SL-R769-2-BK	SL-R769-3-BK
Speed	2 x 9	3 x 9
Side	Pair	Pair
Shifter Style	Xpress Trigger	Xpress Trigger
Bearing	No	No
Indicator	Yes	Yes
Clamp Material	Aluminum	Aluminum
Lever Material	Aluminum	Aluminum
Compatibility	Shimano Road	Shimano Road
Weight	282g	282g

BS-T09 / BS-A09 Bar end Shifters

• Aluminum construction

Model No.	BS-T09	BS-A09
Speed	2/3 x 9	2/3 x 9
Shifter Style	Bar End Shifter	Bar End Shifter
Side	Pair	Pair
Left	Friction	Friction
Right	Index /Friction	Index
Compatibility	Shimano Road	Shimano Road
Weight	163g	162g

SL-T09 / SL-A09 Flatbar Thumb Shifters

• Low profile CNC machined aluminum body
• Micro adjustment barrels

Model No.	SL-T09	SL-A09
Speed	2/3 x 9	2/3 x 9
Shifter Style	Flatbar Thumb Shifter	Flatbar Thumb Shifter
Side	Pair	Pair
Left	Friction	Friction
Right	Index /Friction	Index
Compatibility	Shimano Road	Shimano Road
Weight	141g	140g

R9 1/2/3 x 9-Speed

FD-R352 2x9 Front Derailleurs

Model No.	FD-R352-F-BK	FD-R352-B-BK
Speed	2 x 9	2 x 9
Mounting	Braze On	Band Clamp 34.9 (31.8 adaptor)
Derailleur Style	Down pull	Down pull
Chainstay Angle	61-66°	61-66°
Capacity	16T	16T
Top Gear Teeth	46-52T	46-52T
Chain Line	43.5mm	43.5mm
Outer Link Material	Aluminum	Aluminum
Compatibility	Shimano Road	Shimano Road
Weight	100 g	125g

FD-R353 3x9 Front Derailleurs

• Compatible with 50-39-30T crankset

Model No.	FD-R353-F-BK	FD-R353-B-BK
Speed	3 x 9	3 x 9
Mounting	Braze On	Band Clamp 34.9 (31.8 adaptor)
Derailleur Style	Down pull	Down pull
Chainstay Angle	63-66°	63-66°
Capacity	20T	20T
Top Gear Teeth	50T	50T
Chain Line	45mm	45mm
Outer Link Material	Aluminum	Aluminum
Compatibility	Shimano Road	Shimano Road
Weight	115 g	140g

RD-R42 Rear Derailleurs

Model No.	RD-R42S-BK	RD-R42L-BK
Speed	2 x 9/10	3 x 9/10
Cage Length	Short Cage	Long Cage
Max Cog	25-28T	25-28T
Chain Capacity	33T	39T
Cage Material	Steel	Steel
Outer Link Material	Aluminum	Aluminum
Compatibility	Shimano Road	Shimano Road
Weight	265g	288g

R9 1/2/3 x 9-Speed

RD-R43M Wide Range Rear Derailleur

• Compatible with up to 34T cog

Model No.	RD-R43M
Speed	2 x 9/10
Cage Length	Medium Cage
Max Cog	30-34T
Chain Capacity	39T
Cage Material	Steel
Outer Link Material	Aluminum
Compatibility	Shimano Road
Weight	291g

CS-H092 9-Speed Cassettes

• Nickel plated sprockets
• Steel lock ring

Model No.	CS-H092 11-34T	CS-H092 11-32T
Speed	9-Speed	9-Speed
Gear Range	11-34T	11-32T
Surface Finish	Nickel Plated	Nickel Plated
Combination	11-13-15-17-19-21-24-28-34	11-13-15-17-19-21-24-28-32
Spider	No	No
Cog Material	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub
Weight	363g	337g

Model No.	CS-H092 11-28T	CS-H092 12-25T	CS-H092 11-25T
Speed	9-Speed	9-Speed	9-Speed
Gear Range	11-28T	12-25T	11-25T
Surface Finish	Nickel Plated	Nickel Plated	Nickel Plated
Combination	11-12-13-15-17-19-21-24-28	12-13-14-15-17-19-21-23-25	11-12-13-15-17-19-21-23-25
Spider	No	No	No
Cog Material	Steel	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub	Standard Freehub
Weight	276g	276g	273g

R8 1/2/3 x 8-Speed

SB-R480 1x8 Integrated Drop Bar Shifters

• Externally routed shift cables
• Independent shift levers
• Replaceable hood cover
• Short reach option: reach distance -10mm

Model No.	SB-R480	SB-R480(S)
Speed	1 x 8	1 x 8
Side	Pair	Pair
Shifter Style	Integrated Drop Bar	Integrated Drop Bar
Left Side	Brake lever only	Brake lever only
Brake Actuation	Short Pull	Short Pull
Brake Reach	Standard	Short
Surface Finish	Anodized Black	Anodized Black
Lever Material	Forged Aluminum / Steel	Forged Aluminum / Steel
Compatibility	Shimano Road	Shimano Road
Weight	430g	430g

SB-R482 2x8 Integrated Drop Bar Shifters

• Externally routed shift cables
• Independent shift levers
• Replaceable hood cover
• Short reach option: reach distance -10mm

Model No.	SB-R482	SB-R482(S)
Speed	2 x 8	2 x 8
Side	Pair	Pair
Shifter Style	Integrated Drop Bar	Integrated Drop Bar
Brake Actuation	Short Pull	Short Pull
Brake Reach	Standard	Short
Surface Finish	Anodized Black	Anodized Black
Lever Material	Forged Aluminum / Steel	Forged Aluminum / Steel
Compatibility	Shimano Road	Shimano Road
Weight	430g	430g

SB-R483 3x8 Integrated Drop Bar Shifters

• Externally routed shift cables
• Independent shift levers
• Replaceable hood cover
• Short reach option: reach distance -10mm

Model No.	SB-R483	SB-R483(S)
Speed	3 x 8	3 x 8
Side	Pair	Pair
Shifter Style	Integrated Drop Bar	Integrated Drop Bar
Brake Actuation	Short Pull	Short Pull
Brake Reach	Standard	Short
Surface Finish	Anodized Black	Anodized Black
Lever Material	Forged Aluminum / Steel	Forged Aluminum / Steel
Compatibility	Shimano Road	Shimano Road
Weight	430g	430g

SL-R758 Flatbar Xpress Shifters

• Optical gear indicators
• Trim function on left shifter

Model No.	SL-R758-2	SL-R758-3
Speed	2 x 8	3 x 8
Side	Pair	Pair
Shifter Style	Xpress Trigger	Xpress Trigger
Bearing	No	No
Indicator	Yes	Yes
Clamp Material	Aluminum	Aluminum
Lever Material	Composite	Composite
Compatibility	Shimano Road	Shimano Road
Weight	279g	279g

BS-T08 / BS-A08 Bar End Shifters

• Aluminum construction

Model No.	BS-T08	BS-A08
Speed	2/3 x 8	2/3 x 8
Shifter Style	Bar End Shifter	Bar End Shifter
Side	Pair	Pair
Left	Friction	Friction
Right	Index /Friction	Index
Compatibility	Shimano Road	Shimano Road
Weight	163g	162g

SL-T08 / SL-A08 Flatbar Thumb Shifters

• Low profile CNC machined aluminum body
• Micro adjustment barrels

Model No.	SL-T08	SL-A08
Speed	2/3 x 8	2/3 x 8
Shifter Style	Flatbar Thumb Shifter	Flatbar Thumb Shifter
Side	Pair	Pair
Left	Friction	Friction
Right	Index /Friction	Index
Compatibility	Shimano Road	Shimano Road
Weight	141g	140g

FD-R252 2x8 Front Derailleurs

Model No.	FD-R252-F	FD-R252-B
Speed	2 x 8	2 x 8
Mounting	Braze On	Band Clamp 34.9 (31.8 adaptor)
Derailleur Style	Down pull	Down pull
Chainstay Angle	61-66°	61-66°
Capacity	16T	16T
Top Gear Teeth	46-52T	46-52T
Chain Line	43.5mm	43.5mm
Outer Link Material	Aluminum	Aluminum
Compatibility	Shimano Road	Shimano Road
Weight	100g	126g

FD-R253 3x8 Front Derailleurs

• Compatible with 50-39-30T crankset

Model No.	FD-R253-F	FD-R253-B
Speed	3 x 8	3 x 8
Mounting	Braze On	Clamp 34.9 (31.8 adaptor)
Derailleur Style	Down pull	Down pull
Chainstay Angle	63-66°	63-66°
Capacity	20T	20T
Top Gear Teeth	50T	50T
Chain Line	45mm	45mm
Outer Link Material	Aluminum	Aluminum
Compatibility	Shimano Road	Shimano Road
Weight	116g	141g

RD-R32 Rear Derailleurs

Model No.	RD-R32S	RD-R32
Speed	2 x 7/8/9	3 x 7/8/9
Cage Length	Short Cage	Long Cage
Max Cog	25-28T	25-28T
Chain Capacity	33T	39T
Cage Material	Steel	Steel
Outer Link Material	Steel	Steel
Compatibility	Shimano Road	Shimano Road
Weight	266g	290g

CS-H082 8-Speed Cassettes

- Nickel plated sprockets
- Steel lock ring

Model No.	CS-H082 11-34T	CS-H082 11-32T
Speed	8-Speed	8-Speed
Gear Range	11-34T	11-32T
Surface Finish	Nickel Plated	Nickel Plated
Combination	11-13-15-18-21-24-28-34	11-13-15-18-21-24-28-32
Spider	No	No
Cog Material	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub
Weight	344g	318g

Model No.	CS-H082 12-32T	CS-H082 11-28T
Speed	8-Speed	8-Speed
Gear Range	12-32T	11-28T
Surface Finish	Nickel Plated	Nickel Plated
Combination	12-13-15-18-21-24-28-32	11-13-15-17-19-21-24-28
Spider	No	No
Cog Material	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub
Weight	339g	270g

CS-H081 8-Speed Cassettes

- Black sprockets
- Steel lock ring

Model No.	CS-H081 11-28T	CS-H081 12-28T	CS-H081 12-25T
Speed	8-Speed	8-Speed	8-Speed
Gear Range	11-28T	12-28T	12-25T
Surface Finish	Black	Black	Black
Combination	11-13-15-17-19-21-24-28	12-13-15-17-19-21-24-28	12-13-15-17-19-21-23-25
Spider	No	No	No
Cog Material	Steel	Steel	Steel
Hub Compatibility	Standard Freehub	Standard Freehub	Standard Freehub
Weight	270g	273g	264g

Road Non-Group Components

SB-R370 1x7 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

Model No.	SB-R370	SB-R370(S)
Speed	1 x 7	1 x 7
Side	Pair	Pair
Shifter Style	Integrated Drop Bar	Integrated Drop Bar
Left Side	Brake lever only	Brake lever only
Brake Actuation	Short Pull	Short Pull
Brake Reach	Standard	Short
Surface Finish	Anodized Black	Anodized Black
Lever Material	Aluminum / Steel	Aluminum / Steel
Compatibility	Shimano Road	Shimano Road
Weight	478.5g	478.5g

SB-R372 2x7 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

Model No.	SB-R372	SB-R372(S)
Speed	2 x 7	2 x 7
Side	Pair	Pair
Shifter Style	Integrated Drop Bar	Integrated Drop Bar
Brake Actuation	Short Pull	Short Pull
Brake Reach	Standard	Short
Surface Finish	Anodized Black	Anodized Black
Lever Material	Aluminum / Steel	Aluminum / Steel
Compatibility	Shimano Road	Shimano Road
Weight	478.5g	478.5g

SB-R373 3x7 Integrated Drop Bar Shifters

- Externally routed shift cables
- Independent shift levers
- Replaceable hood cover
- Short reach option: reach distance -10mm

Model No.	SB-R373	SB-R373(S)
Speed	3 x 7	3 x 7
Side	Pair	Pair
Shifter Style	Integrated Drop Bar	Integrated Drop Bar
Brake Actuation	Short Pull	Short Pull
Brake Reach	Standard	Short
Surface Finish	Anodized Black	Anodized Black
Lever Material	Aluminum / Steel	Aluminum / Steel
Compatibility	Shimano Road	Shimano Road
Weight	478.5g	478.5g

Road Non-Group Components

SL-D10 / SL-D09 / SL-D08 Down Tube Shifter

• Aluminum construction

Model No.	SL-D10	SL-D10B
Speed	2/3 x 10	2/3 x 10
Shifter Style	Down Tube Shifter	Down Tube Shifter
Side	Pair	Pair
Left	Friction	Friction
Right	Index	Index
Compatibility	Shimano Road	Shimano Tiagra 4700
Weight	70g	70g

Model No.	SL-D09	SL-D08
Speed	2/3 x 9	2/3 x 8
Shifter Style	Down Tube Shifter	Down Tube Shifter
Side	Pair	Pair
Left	Friction	Friction
Right	Index	Index
Compatibility	Shimano Road	Shimano Road
Weight	70g	70g

FD-R539 / FD-R538 2/3 x 8/9 Front Derailleur

• FD-R539 / FD-R538 works with 52-42-30T crankset

Model No.	FD-R539-B-BK	FD-R539-F-BK
Speed	3 x 9	3 x 9
Mounting	Band Clamp 31.8	Braze On
Derailleur Style	Down pull	Down pull
Chainstay Angle	63-66°	63-66°
Capacity	22T	22T
Top Gear Teeth	52T	52T
Chain Line	45mm	45mm
Outer Link Material	Aluminum	Aluminum
Compatibility	Shimano Road	Shimano Road
Weight	116g	101g

Model No.	FD-R538-B-BK	FD-R538-F-BK
Speed	3 x 8	3 x 8
Mounting	Band Clamp 31.8	Braze On
Derailleur Style	Down pull	Down pull
Chainstay Angle	63-66°	63-66°
Capacity	22T	22T
Top Gear Teeth	52T	52T
Chain Line	45mm	45mm
Outer Link Material	Aluminum	Aluminum
Compatibility	Shimano Road	Shimano Road
Weight	117g	102g

Road Non-Group Components

RD-M21 6/7 speed Rear Derailleurs

• Composite and steel construction
• Suitable for entry level bikes

Model No.	RD-M21S/SA	RD-M21SS/SSA
Speed	2/3 x 6/7	1 x 6/7
Cage Length	Short Cage	Super Short Cage
Max Cog	28-30T	28-30T
Min Cog	13-14T	13-14T
Chain Capacity	37T	21T
Body Material	Steel / Composite	Steel / Composite
Outer Link Material	Steel / Composite	Steel / Composite
Compatibility	Shimano Mountain	Shimano Mountain
Weight	269g(S)	241g(SS)

RD-M21S

RD-M21SS

CS-H072 7-Speed Cassette

• Nickel sprockets
• Steel lock ring

Model No.	CS-H072 12-28T
Speed	7-Speed
Gear Range	12-28T
Surface Finish	Nickel Plated
Combination	12-13-15-18-21-24-28
Spider	No
Cog Material	Steel
Hub Compatibility	Standard Freehub
Weight	261g

CS-H071 7-Speed Cassette

• Black sprockets
• Steel lock ring

Model No.	CS-H071 12-28T
Speed	7-Speed
Gear Range	12-28T
Surface Finish	Black
Combination	12-13-15-18-21-24-28
Spider	No
Cog Material	Steel
Hub Compatibility	Standard Freehub
Weight	261g

CITY

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SB-N110 / SB-N080 Integrated Drop Bar Shifters

- Left side brake lever only
- Compatible with Alfine internal geared hubs
- Replaceable hood cover
- Short reach option: reach distance -10mm

Model No.	SB-N110 / SB-N110(S)	SB-N080 / SB-N080(S)
Speed	1x 11	1x 8
Shifter Style	Integrated Drop Bar	Integrated Drop Bar
Side	Pair	Pair
Left side	Brake lever only	Brake lever only
Brake Actuation	Short Pull	Short Pull
Brake Reach	Standard / Short	Standard / Short
Lever Material	Forged Aluminum	Forged Aluminum
Compatibility	Shimano Alfine 11	Shimano Alfine 8
Weight	378g	378g

SL-N08 Flatbar Thumb Shifters

- Low profile CNC machined aluminum body
- Micro adjustment barrels

Model No.	SL-N08
Speed	1 x 8
Shifter Style	Flat Bar Thumb Shifter
Side	Right
Right Side	Index
Compatibility	Shimano Alfine /Nexus 8
Weight	64g

BS-N08 Bar End Shifter

- Aluminum construction

Model No.	BS-N08
Speed	1 x 8
Shifter Style	Bar End Shifter
Side	Right
Right Side	Index
Compatibility	Shimano Alfine /Nexus 8
Weight	75g

CITY *For internal gear hub*

SL-N768 Flatbar Xpress Shifters

• Optical gear indicator

Model No.	SL-N768
Speed	1 x 8
Side	Right
Shifter Style	Xpress Trigger
Bearing	No
Indicator	Yes
Clamp Material	Aluminum
Lever Material	Aluminum
Compatibility	Shimano Alfine S7000

SL-N757 / SL-N758 Flatbar Xpress Shifters

• Optical gear indicator

Model No.	SL-N757	SL-N758
Speed	1 x 7	1 x 8
Side	Right	Right
Shifter Style	Xpress Trigger	Xpress Trigger
Bearing	No	No
Indicator	Yes	Yes
Clamp Material	Aluminum	Aluminum
Lever Material	Composite	Composite
Compatibility	Shimano Nexus 7	Shimano Nexus 8

TN71-7 Flatbar Thumb-Tap Shifter

• Optical gear indicator

Model No.	TN71-7
Speed	1 x 7
Side	Right
Shifter Style	Thumb-Tap
Bearing	No
Indicator	Yes
Clamp Material	Aluminum
Lever Material	Composite
Compatibility	Shimano Nexus 7

CITY *For internal gear hub*

DN85 Twist Type Shifter

• Compact twist type shifter with indicator

Model No.	DN85-3	DN85-7	DN85-8
Speed	1 x 3	1 x 7	1 x 8
Side	Right	Right	Right
Indicator	Yes	Yes	Yes
Shifter Style	Twist	Twist	Twist
Compatibility	Shimano Nexus 3	Shimano Nexus 7	Shimano Nexus 8

MN27-3 Twist Type Shifter

• Standard twist type shifter

Model No.	MN27-3
Speed	3-Speed
Side	Right
Indicator	No
Shifter Style	Twist
Compatibility	Shimano Nexus 3

BC-01 Bell Crank Hub Connector

• For Nexus 3 internal hub

Model No.	BC-01
Speed	Nexus Inter 3-Speed
Style	Bell Crank Hub Connector
Compatibility	Shimsno Nexus
Compatible Shifters	MN27-3, DN85-3

Integrated Drop Bar Shifters

Series	Model #	Left Shifter	Cable Routing	Reach	Page #	Product Photo
Shimano Road 11-Speed						
Centos 11	SB-R512B	2x	Internal	Adjustable	36	
Shimano MTB 11-Speed						
MTB Non-Group	SB-M110	1x	External	Standard	15	
Shimano Road 10-Speed Tiagra 4700						
Centos 10	SB-R502B	2x	Internal	Adjustable	40	
Shimano Road 10-Speed 4600						
R10	SB-R502E	2x	Internal	Adjustable	43	
	SB-R402K	2x	External	Standard	43	
	SB-R402K(S)	2x	External	Short	43	
	SB-R403K	3x	External	Standard	44	
	SB-R403K(S)	3x	External	Short	44	
Shimano MTB 10-Speed						
XLE 10	SB-M100	1x	External	Standard	18	
	SB-M100(S)	1x	External	Short	18	

Integrated Drop Bar Shifters

Series	Model #	Left Shifter	Cable Routing	Reach	Page #	Product Photo
ADVENT X 10-Speed						
ADVENT X	NEW SB-M100A	1x	External	Standard	4	
	NEW SB-M100A(S)	1x	External	Short	4	
Shimano Road 9-Speed						
R9	SB-R492	2x	External	Standard	49	
	SB-R492(S)	2x	External	Short	49	
	SB-R493	3x	External	Standard	49	
	SB-R493(S)	3x	External	Short	49	
	SB-R490	1x	External	Standard	49	
	SB-R490(S)	1x	External	Short	49	
ADVENT 9-Speed						
ADVENT	SB-M090	1x	External	Standard	8	
	SB-M090(S)	1x	External	Short	8	

Integrated Drop Bar Shifters

Series	Model #	Left Shifter	Cable Routing	Reach	Page #	Product Photo
Shimano Road 8-Speed						
R8	SB-R482	2x	External	Standard	54	
	SB-R482(S)	2x	External	Short	54	
	SB-R483	3x	External	Standard	54	
	SB-R483(S)	3x	External	Short	54	
	SB-R480	1x	External	Standard	54	
	SB-R480(S)	1x	External	Short	54	
7-Speed						
Road Non-Group	SB-R372	2x	External	Standard	58	
	SB-R372(S)	2x	External	Short	58	
	SB-R373	3x	External	Standard	58	
	SB-R373(S)	3x	External	Short	58	
	SB-R370	1x	External	Standard	58	
	SB-R370(S)	1x	External	Short	58	
Shimano Internal Geared Hub Compatible						
Alfine-11 Compatible	SB-N110	1x	External	Standard	62	
	SB-N110(S)	1x	External	Short	62	
Alfine-8 Compatible	SB-N080	1x	External	Standard	62	
	SB-N080(S)	1x	External	Short	62	

Trail Trigger Shifters

Series	Model #	Left Shifter	Silicone Pad	Single Click	Page #	Product Photo
ADVENT X 10-Speed						
ADVENT X	NEW SL-M9605-R	–	●	–	4	
	NEW SL-M9605-ER	–	●	●	4	
	NEW SL-M9505-R	–	–	–	4	
ADVENT 9-Speed						
ADVENT	NEW SL-M9295-R	–	●	–	7	
	NEW SL-M9195-R	–	–	–	7	

Xpress Trigger Shifters

Series	Model #	Left Shifter	Gear Indicator	Bearing Mechanism	Page #	Product Photo
Shimano MTB 11-Speed						
XCD	SL-M861-R	–	–	●	14	
XLE 11	SL-M851-R	–	–	–	15	
	SL-M851-2	2x	–	–	15	
Shimano Road 11-Speed						
Centos 11	SL-R861-2	2x	–	●	36	
	SL-R761-2	2x	●	●	36	
Shimano MTB 10-Speed						
XLE 10	SL-M850-R	–	–	–	18	
	SL-M850-2	2x	–	–	18	
	SL-M850-3	3x	–	–	18	
	SL-M760-2	2x	●	–	18	
	SL-M760-3	3x	●	–	18	
Shimano Road 10-Speed Tiagra 4700						
Centos 10	SL-R860B-2	2x	–	●	40	

Xpress Trigger Shifters

Series	Model #	Left Shifter	Gear Indicator	Bearing Mechanism	Page #	Product Photo
Shimano Road 10-Speed 4600						
R10	SL-R760-2	2x	●	–	44	
	SL-R760-3	3x	●	–	44	
ADVENT 9-Speed						
ADVENT	SL-M8195-R	–	–	●	7	
	SL-M819-R	–	–	–	7	
	SL-M819-L	2x	–	–	7	
Shimano MTB 9-Speed						
MarvoLT	SL-M859	2x/3x	–	–	23	
	SL-M759	2x/3x	●	–	23	
Shimano Road 9-Speed						
R9	SL-R859-2	2x	–	●	50	
	SL-R769-2	2x	●	–	50	
	SL-R769-3	3x	●	–	50	

Xpress Trigger Shifters

Series	Model #	Left Shifter	Gear Indicator	Bearing Mechanism	Page #	Product Photo
Acolyte 8-Speed						
Acolyte	NEW SL-M6280-R	–	●	–	11	
Shimano Road 8-Speed						
R8	SL-R758-2	2x	●	–	55	
	SL-R758-3	3x	●	–	55	
Shimano Internel Geared Hub Compatible						
Alfine-8 Compatible	SL-N768	–	●	–	63	
Nexus-8 Compatible	SL-N758	–	●	–	63	
Nexus-7 Compatible	SL-N757	–	●	–	63	

Bar End Shifters

Compatibility	Series	Model #	Left Shifter	Index/Friction Switch	Page #	Product Photo
12-Speed						
SHIMANO MTB	MTB Non-Group	BS-M12-R	–	●	29	
SRAM MTB	MTB Non-Group	BS-SR-M12-R	–	●	29	
11-Speed						
SHIMANO Road	Centos 11	BS-A11	2x / 3x	–	37	
SHIMANO MTB	MTB Non-Group	BS-M11	2x / 3x	●	30	
	MTB Non-Group	BS-M11-R	–	●	30	
SRAM MTB	MTB Non-Group	BS-SR-M11-R	–	●	30	
10-Speed						
Shimano 4600 Road	R10	BS-T10	2x / 3x	●	45	
	R10	BS-A10	2x / 3x	–	45	
SHIMANO Tiagra 4700	Centos 10	BS-T10B	2x / 3x	●	40	
	Centos 10	BS-A10B	2x / 3x	–	40	
SHIMANO MTB	MTB Non-Group	BS-M10	2x / 3x	●	30	
	MTB Non-Group	BS-M10-R	–	●	30	

Bar End Shifters

Compatibility	Series	Model #	Left Shifter	Index/Friction Switch	Page #	Product Photo
9-Speed						
SHIMANO Road	R9	BS-T09	2x / 3x	●	51	
	R9	BS-A09	2x / 3x	–	51	
ADVENT	ADVENT	BS-M19-R	–	●	8	
8-Speed						
SHIMANO Road	R8	BS-T08	2x / 3x	●	55	
	R8	BS-A08	2x / 3x	–	55	
SHIMANO Alfine/Nexus Compatible	City	BS-N08-R	–	–	62	

Thumb Shifters

Compatibility	Series	Model #	Left Shifter	Index/Friction Switch	Page #	Product Photo
12-Speed						
SHIMANO MTB	MTB Non-Group	SL-M12-R	–	●	29	
SRAM MTB	MTB Non-Group	SL-SR-M12-R	–	●	29	
11-Speed						
SHIMANO Road	Centos 11	SL-A11	2x / 3x	–	37	
SHIMANO MTB	MTB Non-Group	SL-M11	2x / 3x	●	29	
	MTB Non-Group	SL-M11-R	–	●	29	
SRAM MTB	MTB Non-Group	SL-SR-M11-R	–	●	29	
10-Speed						
Shimano 4600 Road	R10	SL-T10	2x / 3x	●	45	
	R10	SL-A10	2x / 3x	–	45	
SHIMANO Tiagra 4700	Centos 10	SL-T10B	2x / 3x	●	41	
	Centos 10	SL-A10B	2x / 3x	–	41	
SHIMANO MTB	MTB Non-Group	SL-M10	2x / 3x	●	30	
	MTB Non-Group	SL-M10-R	–	●	30	

Thumb Shifters

Compatibility	Series	Model #	Left Shifter	Index/Friction Switch	Page #	Product Photo
9-Speed						
SHIMANO Road	R9	SL-T09	2x / 3x	●	51	
	R9	SL-A09	2x / 3x	–	51	
ADVENT	ADVENT	SL-M19	–	●	8	
8-Speed						
SHIMANO Road	R8	SL-T08	2x / 3x	●	55	
	R8	SL-A08	2x / 3x	–	55	
SHIMANO Alfine/Nexus Compatible	City	SL-N08-R	–	–	62	

Thumb Tap Shifters

Compatibility	Model #	Left Shifter	Shifter Body	Optical Gear Indicator	Page #	Product Photo
9-Speed						
SHIMANO MTB	TS71-9	3x	Alloy	●	32	
	TS39-29	2x	Composite	●	25	
	TS39-9	3x	Composite	●	25	
	TS38-9	3x	Composite	●	31	
8-Speed						
SHIMANO MTB	TS71-8	3x	Alloy	●	32	
	TS39-28	2x	Composite	●	25	
	TS39-8	3x	Composite	●	25	
	TS38-8	3x	Composite	●	31	
7-Speed						
SHIMANO MTB	TS39-7	3x	Composite	●	25	
	TS38-7	3x	Composite	●	31	
SHIMANO Nexus Compatible	TN71-7	–	Alloy	●	63	

Thumb Tap Shifters

Compatibility	Model #	Left Shifter	Shifter Body	Optical Gear Indicator	Page #	Product Photo
6-Speed						
SHIMANO MTB	TS39-6	3x	Composite	●	25	
	TS38-6	3x	Composite	●	31	

Twist Shifters

Compatibility	Model #	Left Shifter	Gear Indicator Style	Grip Style	Page #	Product Photo
9-Speed						
SHIMANO MTB	DS85-9	3x	Window	Textured	32	
8-Speed						
SHIMANO MTB	DS85-8	3x	Window	Textured	32	
	MS29-8	3x	Dial and Arrow	Textured	33	
	MS25-8	3x	Dial and Arrow	Knurled	33	
7-Speed						
SHIMANO MTB	DS85-7	3x	Window	Textured	32	
	DS45-7R	—	Graphical	Knurled	32	
	MS29-7	3x	Dial and Arrow	Textured	33	
	MS25-7	3x	Dial and Arrow	Knurled	33	
	MS12-7	3x	Dial and Arrow	Knurled	33	
6-Speed						
SHIMANO MTB	MS29-6	3x	Dial and Arrow	Textured	33	
	MS25-6	3x	Dial and Arrow	Knurled	33	
	MS12-6	3x	Dial and Arrow	Knurled	33	

Twist Shifters

Compatibility	Model #	Left Shifter	Shifter Body	Optical Gear Indicator	Page #	Product Photo
Shimano Internal Geared Hub Compatible						
Nexus-8 Compatible	DN85-8	—	Window	Textured	64	
Nexus-7 Compatible	DN85-7	—	Window	Textured	64	
Nexus-3 Compatible	DN85-3	—	Window	Textured	64	
	MN27-3	—	Dial and Arrow	Knurled	64	

Downtube Shifters

Compatibility	Model #	Left Shifter	Index/Friction Switch	Page #	Product Photo
10-Speed					
Shimano 4600 Road	SL-D10	2x / 3x	—	59	
SHIMANO Tiagra 4700	SL-D10B	2x / 3x	—	59	
9-Speed					
SHIMANO Road	SL-D09	2x / 3x	—	59	
8-Speed					
SHIMANO Road	SL-D08	2x / 3x	—	59	

Front Derailleur

Series	Model #	Top Gear	Capacity	Cable Route	Attachment	Chain Line	For 20" Wheel	Page #	Product Photo
MTB 11-Speed									
XLE 11 2x	FD-M622-B	34-38T	10T	Dual Pull	Band	48.8mm	—	16	
	FD-M622-D	34-38T	10T	Dual Pull	Direct	48.8mm	—	16	
	FD-M622G-B	42-46T	12T	Dual Pull	Band	48.8mm	—	16	
Road 11-Speed									
Centos 11 2x	FD-R58-BK	50-56T	16T	Down Pull	Brazed-On/ Band	43.5mm	—	37	
MTB 10-Speed									
XLE 2x	FD-M612-B	38-44T	14T	Dual Pull	Band	48.8mm	—	20	
	FD-M612-D	38-44T	14T	Dual Pull	Direct	48.8mm	—	20	
XLE 3x	FD-M613-B	40-42T	18T	Dual Pull	Band	50mm	—	20	
	FD-M613-D	40-42T	18T	Dual Pull	Direct	50mm	—	20	
Road 10-Speed Tiagra 4700									
Centos 10 2x	FD-R552	50-56T	16T	Down Pull	Brazed-On/ Band	43.5mm	—	41	

Front Derailleur

Series	Model #	Top Gear	Capacity	Cable Route	Attachment	Chain Line	For 20" Wheel	Page #	Product Photo
Road 10-Speed									
R10 2x	FD-R712	50-56T	16T	Down Pull	Braze-On/ Band	43.5mm	—	46	
R10 3x	FD-R730	50/39/30T	20T	Down Pull	Braze-On/ Band	43.5mm	—	46	
	FD-R732	52/39/30T	22T	Down Pull	Braze-On/ Band	43.5mm	—	47	
MTB 9-Speed									
ADVENT 2x	FD-T492B	44-48T	12-16T	Dual Pull	Band	48.8mm	—	9	
MarvoLT 2x	FD-M462	34-42T	14T	Dual Pull	Direct / Band	48.8mm	—	24	
MarvoLT 3x	FD-M43	44/32/22T	22T	Dual Pull	Band	50/47.5mm	—	24	
Mezzo 2x	FD-T392	44-48T	12-16T	Dual Pull	Band	48.8mm	—	26	
	FD-M292	34-38T	10-14T	Dual Pull	Band	48.8mm	—	26	
Road 9-Speed									
R9 2x	FD-R352	46-52T	16T	Down Pull	Braze-On/ Band	43.5mm	—	52	
R9 3x	FD-R353	50/39/30T	20T	Down Pull	Braze-On/ Band	45mm	—	52	
Road Non-Group 3x	FD-R539	52/42/30T	22T	Down Pull	Braze-On/ Band	45mm	—	59	

Front Derailleur

Series	Model #	Top Gear	Capacity	Cable Route	Attachment	Chain Line	For 20" Wheel	Page #	Product Photo
MTB 8-Speed									
Mezzo 2x	FD-T382	44-48T	12-16T	Dual Pull	Band	48.8mm	—	26	
	FD-M382	34-38T	10-14T	Dual Pull	Band	48.8mm	—	26	
	FD-M282	34-38T	10-14T	Dual Pull	Band	48.8mm	—	26	
Mezzo 3x	FD-M30	42/32/22T	20T	Dual Pull	Band	50/47.5mm	—	27	
Road 8-Speed									
R8 2x	FD-R252	46-52T	16T	Down Pull	Braze-On/ Band	43.5mm	—	56	
R8 3x	FD-R253	50/39/30T	20T	Down Pull	Braze-On/ Band	45mm	—	56	
Road Non-Group 3x	FD-R538	52/42/30T	22T	Down Pull	Braze-On/ Band	45mm	—	59	
MTB 7/8-Speed									
Mezzo 2x	FD-T202	40-46T	8-12T	Dual Pull	Band	48.8mm	—	26	
Mezzo 3x	FD-M22	48/38/28T	20T	Dual Pull	Band	50/47.5mm	—	27	
	FD-M20	42/34/24T	18T	Dual Pull	Band	50/47.5mm	—	27	

Rear Derailleur

Series	Model #	Max Cog	Capacity	Clutch	Page #	Product Photo
Shimano MTB 11-Speed						
XCD	RD-M865M	40-46T	41T	●	14	
XLE 11	RD-M665M	40-46T	41T	●	15	
	RD-M66M	40-46T	41T	—	15	
	RD-M665L	40-46T	47T	●	16	
	RD-M66L	40-46T	47T	—	16	
Shimano Road 11-Speed						
Centos 11	RD-R58S	25-30T	35T	—	38	
Shimano MTB 10-Speed						
XLE 10	RD-M665M	40-46T	41T	●	19	
	RD-M66M	40-46T	41T	—	19	
	RD-M62L	36-42T	47T	—	19	
	RD-M61L	32-36T	43T	—	19	
	RD-M61S	32-36T	35T	—	19	

Rear Derailleur

Series	Model #	Max Cog	Capacity	Clutch	Page #	Product Photo
ADVENT X 10-Speed						
ADVENT X	NEW RD-M6205AM	46-48T	41T	●	5	
	NEW RD-M6205GM	46-48T	41T	●	5	
Shimano Tiagra 4700 10-Speed						
Centos 10	RD-R55S	25-30T	35T	–	41	
Shimano Road 4600 10-Speed						
R10	RD-R47S	25-28T	33T	–	47	
	RD-R47	25-28T	39T	–	47	
	RD-R51M	30-34T	39T	–	47	
ADVENT 9-Speed						
ADVENT 9	RD-M6195M	42-46T	41T	●	9	
	RD-M619M	42-46T	41T	–	9	
	RD-M6195L	42-46T	47T	●	9	
	RD-M619L	42-46T	47T	–	9	

Rear Derailleur

Series	Model #	Max Cog	Capacity	Clutch	Page #	Product Photo
Shimano MTB 9-Speed						
MarvoLT	RD-M46L	32-36T	45T	–	23	
	RD-M46S	32-36T	39T	–	23	
Shimano Road 9-Speed						
R9	RD-R42S	28T	33T	–	52	
	RD-R42	28T	39T	–	52	
	RD-R43M	30-34T	39T	–	53	
Acolyte 8-Speed						
Acloyte 8	NEW RD-M5185M	42-46T	41T	●	11	
	NEW RD-M5180M	42-46T	41T	–	11	
Shimano MTB 8 / 9-Speed						
Mezzo	RD-M36L	28-36T	45T	–	26	
	RD-M36S	28-36T	39T	–	26	
Shimano MTB 7 / 8-Speed						
MTB Non-Group	RD-M26L	28-36T	45T	–	34	
	RD-M26S	28-36T	39T	–	34	
	RD-M26CL	28-34T	45T	–	34	
	RD-M26CS	28-34T	39T	–	34	

Rear Derailleur

Series	Model #	Max Cog	Capacity	Clutch	Page #	Product Photo
Shimano Road 7 / 8 / 9-Speed						
R8	RD-R32	25-28T	39T	–	56	
	RD-R32S	25-28T	33T	–	56	
Shimano MTB 6 / 7-Speed						
MTB Non-Group	RD-M21L	28-30T	43T	–	34	
	RD-M21LA	28-30T	43T	–	34	
	RD-M21S	28-30T	37T	–	34	
	RD-M21SA	28-30T	37T	–	34	
	RD-M21SS	28-30T	21T	–	34	
	RD-M21SSA	28-30T	21T	–	34	
Shimano Road 6 / 7 -Speed						
Road Non-Group	RD-M21S	28-30T	37T	–	60	
	RD-M21SA	28-30T	37T	–	60	
	RD-M21SS	28-30T	21T	–	60	
	RD-M21SSA	28-30 T	21T	–	60	

Cassette

Hub Compatibility	Model #	Range	Spider	Finish	Page #	Product Photo
11-Speed						
MTB 11-Speed	CS-G113	11-42T 11-46T	●	ED Black	14	
	CS-H113	11-40T 11-42T 11-46T	–	ED Black	17	
Road 11-Speed	CS-G110	11-25T 11-28T 11-32T	●	Chrome	38	
	CS-H110	11-25T 11-28T 11-32T 11-34T	–	Chrome	39	
10-Speed						
MTB 10-Speed	NEW CS-G104	11-48T	●	2 Layered ED Black	5	
	NEW CS-H104	11-48T	–	2 Layered ED Black	5	
	CS-H103	11-40T 11-42T	–	ED Black	20	
	CS-G100	11-36T	●	Chrome	21	
	CS-H100	11-32T 11-34T 11-36T	–	Chrome	21	

Cassette

Hub Compatibility	Model #	Range	Spider	Finish	Page #	Product Photo
Road 10-Speed	CS-G100	11-25T 11-28T	●	Chrome	42	
	CS-H100	11-25T 11-28T 11-32T 11-34T	–	Chrome	48	
9-Speed						
MTB 9-Speed	CS-H093A	11-42T	–	ED Black	10	
	CS-H093	11-42T 11-46T	– –	ED Black ED Black	10	
MTB / Road 9-Speed	CS-H092	11-32T 11-34T 11-36T	–	Nickel	24	
	CS-H092	11-25T 12-25T 11-28T 11-32T 11-34T	–	Nickel	53	

Cassette

Hub Compatibility	Model #	Range	Spider	Finish	Page #	Product Photo
8-Speed						
MTB / Road 8-Speed	NEW CS-H083	12-42T 12-46T	– –	ED Black ED Black	12	
	CS-H082	11-32T 12-32T 11-34T	–	Nickel	27	
	CS-H082	11-28T 11-32T 12-32T 11-34T	–	Nickel	57	
	CS-H081	11-32T 12-32T 11-34T	–	Black	27	
	CS-H081	12-25T 11-28T 12-28T	–	Black	57	
7-Speed						
MTB / Road 7-Speed	CS-H072	12-28T	–	Nickel	28 / 60	
	CS-H071	12-28T	–	Black	28 / 60	